

United States Patent

MULTI-OBSERVATION AND RECORDING SYSTEM FOR ALL MOTOR VEHICLES

Int. C1. H04N
7/18; H04N 5/30
U.S. C1. 358/108;
358/125; 358/229; 354/81;
354/293
Field of Search 358/108,
125, 210, 229; 354/81; 293;
356/107 up

U.S. PATENT DOCUMENTS

3,176,602 4/1965 Wilt..... 354/293
3,634/008 1/1972 Plummer et al..... 358/125
4/067,015 1/1978 Mogavers et al..... 358/125
4/233,634 11/1980 Adams..... 358/108
4/420,238 12/1983 Felix..... 358/229
4,728,839 3/1988 Coughlan et al..... 358/108

ABSTRACT

A system which includes a video camera, a video recording assembly and outside output jack to retrieve the last (fifteen) 15 minutes of play. The camera will be mounted on the front dash on the driver's side behind the steering wheel to view all that the driver sees. This camera will also pick up the driver, the odometer and the speedometer. The date and time will be superimposed on the video image on the top right of the image so as not to interfere with the image being recorded. It will also have a button on the unit to have the last 10 minutes of play for your own use.

The video recording device will be mounted in the trunk of the vehicle and

supplied by the car's electrical system.

The outside output jack will be placed over the driver's side two (2) inches above the door and at any location from the window to the end of the driver's door, to be accessed by police when needed.

A retrieving device separate from the car, to be carried by police. A mini recording device to retrieve the last fifteen (15) minutes of play.

Observation and recording system for all motor vehicles.

BACKGROUND OF THE INVENTION

This invention relates to forward recording from vehicles, such as trucks, autos, etc.; more particularly it concerns recording of the traffic conditions to the front, simultaneously recording the driver, odometer, and speedometer.

This invention also has an output jack for the retrieval of the last fifteen (15) minutes of play by police when the vehicle is stopped, the time and date is superimposed on the video's image. The last 10 minutes of play can also be retrieved for the owners use.

Heretofore, there is no assembly or device known which can provide this record.

Today there is an obvious need for a device to record the driver, forward view, odometer, speedometer, time and date. This need is to make the driver accountable, also by doing this you record those in the view of the camera that are doing things unlawfully or lawfully, whichever it may be.

I.E. Road Rage; Speeding; Kidnaping; Reckless Driver; Car Jacking; Under the Influence; Careless Driver, etc.

This device would make anyone that

comes in view accountable because you have the exact time, date, speed, mileage of the car, driver and the view recorded.

SUMMARY OF THE INVENTION

The present invention is for recording events forward simultaneously recording the driver, odometer and speedometer, the time and date is superimposed on the video image. The system includes a video camera mounted in the interior dash on the driver's side behind the steering wheel. It is mounted by a heavy duty adhesive at the bottom of the camera such that it may be removed from the mounting bracket securing it to the vehicle. The camera and three (3) lenses each directed to those views already stated. The system is wired into the vehicle so that when the car is turned on the camera is in operation. The recorder is located in the trunk in a fireproof housing reliably attached to a bracket attached to the floor of the vehicle. A key-lock prevents the unauthorized removal of the video cassettes disc, or chip from the recorder. As video images are received from the camera, the date and time are superimposed in the upper right of the recorded image by a time and date generator that is on continuously whether the car is turned on or not. The recorder can be tape, disc or chip. Another feature of the present invention is the output jack for retrieving the last fifteen (15) minutes of play by police. This will make the driver more accountable, as the jack can be only used by police. This jack will be located on the outside of the car above the driver door on the roof between the window and the end of

the rear of the driver's side door. Another feature of the present invention is a separate recording device with a jacking cable to retrieve the last fifteen (15) minutes of play to be used by police only. There will also be a button on the unit inside the car to retrieve the last 10 minutes of play.

DRAWING DESCRIPTION

10

FIG. 1 is a cut away, side view of a vehicle with the camera, output jack, recorder and viewing system of the present invention shown therein;

15

FIG. 2 is a front view inside the vehicle behind the driver wheel of the camera and the three (3) lenses and wire of the present invention with a button to retrieve the last 10 minutes of play for the owners use.

20

FIG. 3 is a mini recorder used by authorized personnel to be used as necessary on the output jack of the car;

25

FIG. 4 is a front plane view of a mini recorder with a male output jack hookup;

30

FIG. 5 is a side view of a mini recorder with a male output jack hookup and a clip to use to attach to the belt of an authorized person.

35

30

35

40

DETAILED DESCRIPTION

Referring to FIG. 1, the present invention 4 is shown in the front driver's side of motor vehicle 13. Vehicle 13 is partially cut away for clarity and shows the present invention 4 has a camera and three (3) lenses all in one compact unit, and (14) a button to retrieve the last 10 minutes of play for personal use. All are turned on when the car is switched on. Camera 6 of the present invention 4 points to the front view of vehicle 13 and views all that the driver sees, the image this camera 6 takes